

10/19/01 1132 U.S. PTO

12-26-01

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PTO/SB/05 (4-98)

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Approved for use through 9/30/2000, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53 (b))</i>		Attorney Docket No.: 89.0493	
		First Named Inventor or Application Identifier: Schrenkel et al.	
		Title: Production Profile Determination & Modification System	
		Express Mail Label No.: EV 037 144 087 US	
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231	
<div><div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and duplicate for fee processing)</i></div><div>2. <input checked="" type="checkbox"/> Specification [Total Pages: 27] - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed-sponsored R &amp; D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Descriptions of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</div><div>3. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) [Total Sheets: 9]</div><div>4. Oath or Declaration [Total Pages: 8] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 16 completed)</i> i <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</div></div><div><div>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</div><div>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies</div></div></div> <div><b>ACCOMPANYING APPLICATION PARTS</b><div>7. <input type="checkbox"/> Assignment papers (cover sheet &amp; document(s))</div><div>8. <input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></div><div>9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></div><div>10. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/Form 1449 Citations</div><div>11. <input type="checkbox"/> Preliminary Amendment</div><div>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></div><div>13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status is still proper and desired <i>(PTO/SB/09-12)</i></div><div>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></div><div>15. <input type="checkbox"/> Other: _____</div></div>			

\*NOTE FOR ITEMS 1&13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 c.f.r. 1.28)

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_  
**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (Insert customer No. or Attach bar code label here) or ☒ Correspondence address below

NAME	Tim W. Cunningham				
	Schlumberger Technology Corporation, Schlumberger Reservoir Completions				
ADDRESS	14910 Airline Road				
	P O Box 1590				
CITY	Rosharon	STATE	Texas	ZIP CODE	77583-1590
COUNTRY	US	TELEPHONE	(281) 285-5846	FAX	(281) 285-5537
Name (Print/Type)	Tim W. Cunningham		Registration No. (Attorney/Agent): 45,944		
Signature				Date: 12/19/01	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

10/025410

12/19/01

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# FEE TRANSMITTAL

## For FY 2001

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT \$1064

## Complete if Known

Application Number

Filing Date

First Named Inventor

Schrenkel et al

Group Art Unit

Examiner Name

Attorney Docket Number

89.0493

## METHOD OF PAYMENT (Check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

50-0457

Deposit Account Name

Schlumberger Technology Corp.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	345	Utility filing fee	\$740
106	310	206	155	Design filing fee	
107	480	207	240	Plant Filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) \$740

## 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
38 -20 = 18	\$18.00	\$324	
Independent Claims 3 -3 = 0	\$84.00		
Multiple Dependent Claims			

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claims
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claim in excess of 20 and over original patent

SUBTOTAL(2) \$324

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,360	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,210	241	605	Petition to revive unintentionally abandoned application	
142	1,210	242	605	Utility issue fee	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petition to Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL(3)

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name

Tim W. Curington

Signature

## Complete (if applicable)

Reg. Number

45,944

Deposit Account

User ID

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schrenkel et al.

Attorney Docket No.: 89.0493

Serial No.:

Art Unit:

Filed:

Examiner:

For: PRODUCTION PROFILE DETERMINATION AND MODIFICATION SYSTEM

Box PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

**CERTIFICATE OF MAILING**

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 037 144 087 US in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231.

Joanne Hyland  
Joanne Hyland

12/19/01  
Date

Joanne C. Hyland  
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14910 Airline Road  
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1005440-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schrenkel et al.

Attorney Docket No.: 89.0493

Serial No.:

Art Unit:

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Examiner:

For: PRODUCTION PROFILE DETERMINATION AND MODIFICATION SYSTEM

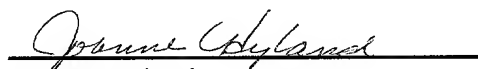
Box PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

**CERTIFICATE OF MAILING**

I hereby certify that this Statement Under 37 CFR 3.73(b) is being deposited with the United States Postal Service as Express Mail No. EV 037 144 087 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Joanne Hyland

12/19/01  
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schrenkel et al.

Attorney Docket No.: 89.0493

Serial No.:

Art Unit:

Filed:

Examiner:

For: PRODUCTION PROFILE DETERMINATION AND MODIFICATION SYSTEM

Box PATENT APPLICATION

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

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